

## Instruction manual Giga 3+



Mobile photo hard drive incl. 40GB hard disc.  
For digital photographer GIGA 3+ is one of the most innovative and economical solution for solving the problem of having not enough storage space. Please read instructions carefully before first use of your GIGA 3+.

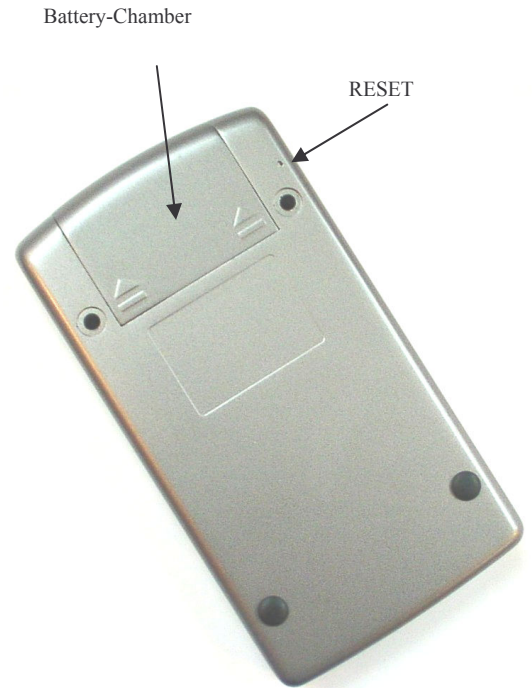
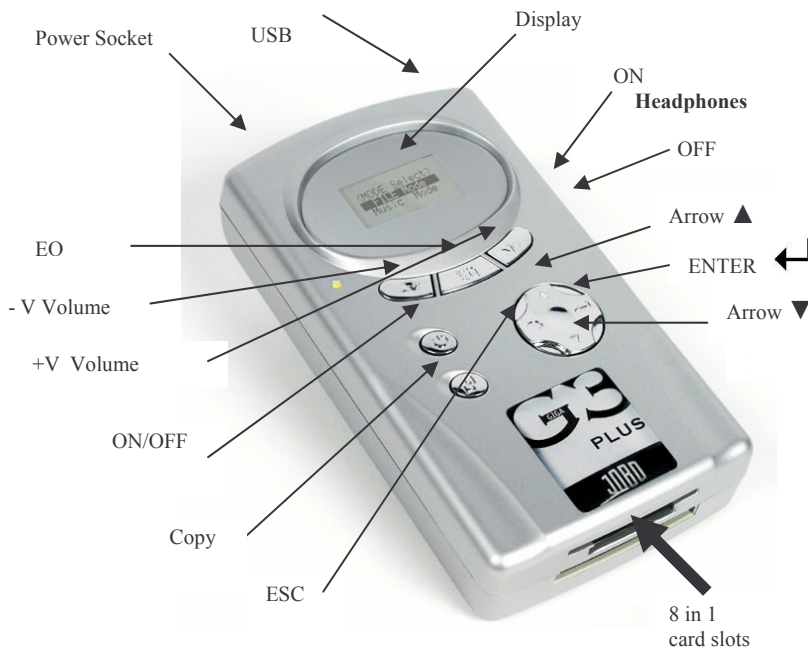
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## 1. Content

- Giga 3+ with 40GB HDD
- AC power adapter
- Lithium Ion battery
- USB cable
- Driver CD
- Instruction Manual
- Headphones

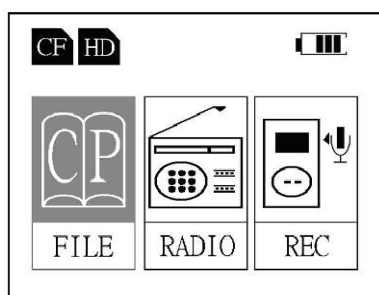
## 2. Exterior Structure



## 3. Key Functions

- ON/OFF** - switches device on/off
- COPY** - fast copy/function
- ↵** - ENTER
- ESC** - back to main menu
- ▲/▼** - choose menu up/down
- V** - Volume control down
- + V** - Volume control up
- EQ** - Menu for MP3 and record function

## 4. Displaying symbols of the main menu



- FILE** - File Management
- RADIO** - FM Radio
- REC** - Record Function



Symbol HDD - shows activated hard disk



Symbol CF-card - shows inserted flash memory (CF,SD,MS,SM)

Socket

Symbol charging battery - shows working AC power adapter



Symbol Battery - shows battery status – maximum 4 bars



Symbol **FILE** - Enter the data management menu (files and MP3)



Symbol **RADIO**- Enter the radio function



Symbol **REC** - Enter the recording function

## 5. System Support

WIN 98SE / 2000-SP3/ ME / XP-SP1 /for MAC 9.0 – 9.6, or higher

## 6. Supported flash cards

CF I, II, Micro Drive, SM, SD, MMC, MS ,MS-Pro, MS-Duo-Pro (XD with adapter)

## 7. How to use the different flash cards



### Note


JOBO grants no warranty for wrong insertion of flash cards and duely damaged slots.

## 8. Inserting the battery

### 8.1 Insert battery

- Open the battery chamber while pushing the cover in direction of the arrows
- insert socket in the right position.
- put in battery and close the battery chamber.

### 8.2 Charge battery

- battery needs 2-3 hours to be fully charged.
- before first use, battery should be charged for 3 hours.
- for charging GIGA 3+ put in AC power adapter in the power socket and connect with power.  
You can use the AC adapter for 100 to 240 V.
- while charging battery the red LED is on, left of the display.
- battery charging is finished, when LED is changing from red to green.
- when power adapter is connected, next to the battery symbol a power plug is being displayed .
- with full charge of battery you can:  
download about 8 GB data.  
listen to about 8 hours of MP3.

## 9. Connecting AC power adapter

Giga 3+ can be connected with supplied AC power adapter for usage or for charging the battery. The power socket is based on the upper side of the device.

### **Warning!**

**Never use another power adapter for GIGA 3+ even when it seems to work with it. Using wrong power adapters can severely damage the Giga 3+!**

## 10. Switch on/off Giga 3+

- press **ON/OFF** button – display turns to cool blue and shows "**Jobo - For your best Image**" claim for 2 seconds.  
After that the main menu is being displayed - "**FILE, RADIO, REC**".
- to switch off, press **ON/OFF** button.
- For saving energy the colour backlight of the display is switched off after 10 seconds, and the whole device is switched off after 30 seconds when not in use.



## 12. Connecting to the Computer

### Important Notice!

Before use of Giga 3+ please test connection to computer first.

- Never connect the Giga 3+ via a USB HUB.  
Always use a direct USB connection to Computer to avoid misfunctions.

### 12.1 WIN XP-SP1 / ME / 2000-SP3

- Giga 3+ will install itself on the PC (plug & play).
- close and save all running programs first
- establish USB connection between Giga 3+ and PC with USB cable and Switch on Giga 3+ via **ON/OFF** button.
- WIN XP will install drivers automatically for Giga 3+.

### 12.2 Managing Giga 3+ from PC

- Open My Computer.
- 4 different disk drives will be displayed on the desktop.
- The first disk drive symbolises the external hard drive of Giga 3+.
- The other disk drives with successive letters are the flash card slots of GIGA 3+, from which you can read/write directly on/from the flash cards like a reader/writer.

### **Important notice**

**Never disconnect USB connection between GIGA 3+ and computer while not having selected the disconnection function on the computer. Disconnecting while processing can cause failure of data.**

### 12.3 WIN 98-SE

Please install drivers as described in the following steps.

- Please insert driver CD into the drive of computer and select folder „WIN“.
- Select „**setup.exe**“ in the next folder.
- Press „**enter**“ to continue.
- Confirm next step with „**OK**“ – drivers are completely installed.
- Shut down computer and reboot..

## 13. MAC OS X

### 13.1 Mac 10.1. and higher

#### **Important Notice!**

**Never copy files back on GIGA 3+ which have names with special symbols or more than 128 letters. THIS MIGHT CAUSE LOSS OF DATA.**

- Giga 3+ is compatible with all MAC OS X systems via plug & play.
- Please close and save all current programs on Mac before using device.
- Connect Giga 3+ with AC power adapter ( do not switch on Giga 3+ ).
- Connect Giga 3+ with MAC via USB cable.
- Switch on Giga 3+ using the ON/OFF button.
- After a short while desktop will show Giga 3+ as „**UNTITLED**“.
- After selecting folder „**UNTITLED**“ the connection between devices via USB is established.
- Desktop shows disk drives only when flash card is inserted.
- Devices are being disconnected by moving „**UNTITLED**“ folder to the recycle bin.

13.2 MAC (9.0 - 9.6) – [special driver required per download from www.job0.com](http://www.job0.com)

**Important notice**

**Never copy files back to GIGA 3+ which have names with special symbols or more than 128 letters. THIS MIGHT CAUSE LOSS OF DATA.**

- Download driver from [www.job0.com](http://www.job0.com) to your PC.
- Open the downloaded folder „MAC“ on your PC.
- Double click „CHRWF2\_200F/IMGSIT.HQX“ and save on HD.
- Desktop shows symbol „CHRW05F62-2.0“ – **please select.**
- You will find further instructions in the „READ ME“ file.
- For driver installation select „INSTALLER“ and follow the instructions.
- After installation the system has to be rebooted.
- Connect Giga 3+ and AC adapter and put adapter in the power socket.
- Connect Giga 3+ and Mac via USB cable.
- Switch on Giga 3+.
- Devices are being disconnected by moving „UNTITLED“ folder to the recycle bin.

**14. Download Data from Flash Card (without PC)**

Insert flash card in the right card slot. See picture in description page 7 for details !

- Insert cards carefully as described!
- Insert flash card only while device is switched off .
- When switching on the Giga 3+ the display shows the symbol of inserted flash card in the left upper corner (CF,SD,MS,SM) and activates **FILE** management.
- Press **Copy** button to start data transfer, the symbols will be shown as followed:

**Display 1**

**COPYING (CF ->HD)**

**All disc to HD**

**Please wait**

**Disc Initialising**

**Display 2**

<b>COPYING - (CF -&gt;HD)</b>	<b>(transfer to HDD)</b>
<b>Copied Dir - 0XX</b>	<b>(number of folders)</b>
<b>Copied File - 0XX</b>	<b>(number of files)</b>
<b>Copying ..... XX%</b>	<b>(copy in % -per file)</b>

**Display 3**

<b>COPYING - (OK)</b>	<b>( transfer completed)</b>
<b>Copied Dir - 0XX</b>	<b>(number of copied folders)</b>
<b>Copied File - 0XX</b>	<b>(number of copied files)</b>
<b>Enter -&gt; (SURE)</b>	<b>(back to main menu)</b>

- We recommend formatting flash cards in you camera.
- All data will be copied on Giga 3+ 1:1, so that the device is able to save all kind of data - even RAW formats of all cameras, all Mac and PC files etc.
- **Verify:** This feature is available after running a firmware upgrade under [www.job0.com](http://www.job0.com). The verify function compares the file size of the copied data with the data from the source to render maximum security.

14.1. **Verify / Data transfer failed (no good)**

- After a complete data transfer the display shows (OK)
- If comparison of the copied data fails to be complete the display will show (NG)
- NEVER FORMAT A FLASH CARD WITHOUT SECURING YOUR DATA FIRST
- Verify function is being started after copying the data by pressing ENTER

**VERIFY - (OK)** (confirm checking data function)  
**Copied Dir - 000X** (number of files to be checked)  
**Copied File - 000 X** (number of the files checked)  
**Enter -> (SURE)** (ENTER to return to the main menu)

- **Do not erase data on flash card before it has been saved on Mac/PC first**

#### 14.2 Failure of data transfer

- If there was a failure while transferring the data the following will be displayed:

**COPYING - (NG)** (**FAILURE**)  
**Copied Dir - 000** (number of the copied folders)  
**Copied File - 000** (number of the copied files)  
**Enter -> (SURE)** (back to the main menu)

#### 14.3 Interrupt data transfer

- Press **ESC button** and transfer will be interrupted.
- The following messages will be displayed:

**COPYING - (NG)** (**FAILURE**)  
**Copied Dir - 00X** (number of folder)  
**Copied File - 00X** (number of files)  
**Enter -> (SURE)** (back to main menu)

#### 14.3 Directory of copied files

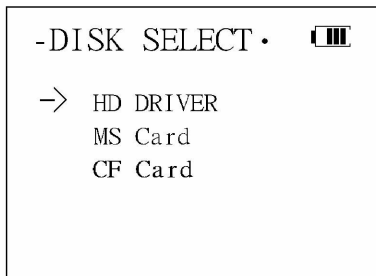
- with every download from flash card the GIGA 3+ creates a folder containing the data from the flash card. Folders are named with numbers starting from 1 to 9999 and the type of flash card as a pre-fix, e.g..
  - CF and Micro Drive CF0001 – CF9999
  - SD and MMC SD0001 - SD9999
  - SM SM0001 – SM9999
  - MS MS0001 – MS9999

## 15. HDD full/ reformatting Giga 3+



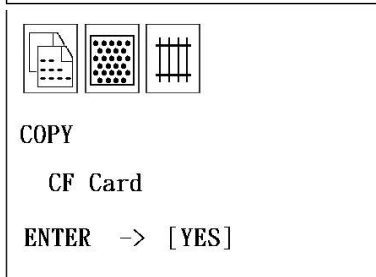
- when hard disk drive is full, please save data completely to another HDD and reformat GIGA 3+.

## 15.1 Reformatting hard disk/data source

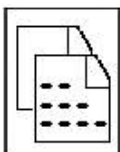


Press **ESC** button to activate DISC SELECT function

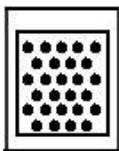
Press **▲▼** button to select data source and confirm while pressing **Copy** button.



In this menu you can select data source to copy reformat or to execute function FDISC.

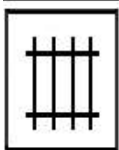


Select „**Copy**“ to copy files or folders from flash card to hard disk.



When „**Driver Format**“ is selected, data source is ready to be reformatted. All files and data will be deleted .

**Warning ! Save your data to another hard disk drive to avoid loss of data.**

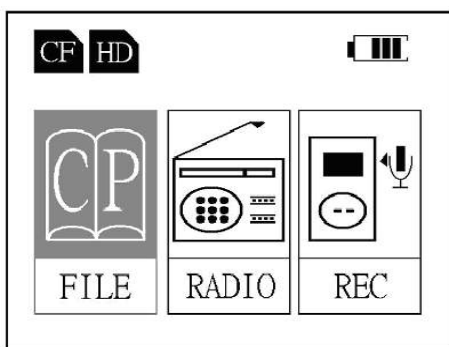


When „**FDISC**“ is selected, device is ready to be reformatted. All files and data will be completely deleted

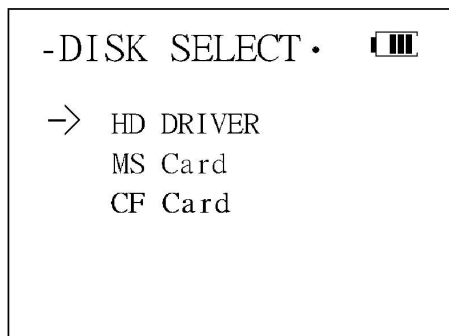
**Warning ! Save your data to another hard disk drive to avoid loss of data.**

## 16. Managing your data

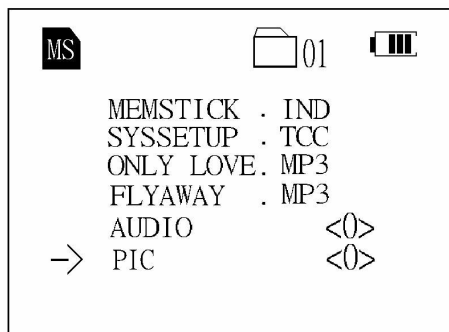
### 16.1 Select data source



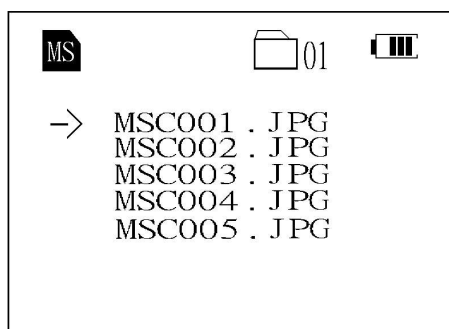
To display different files select first symbol in the main menu (HDD or flash card).



Press **ESC** button and select data source using **▲▼** button press **↵** to enter.

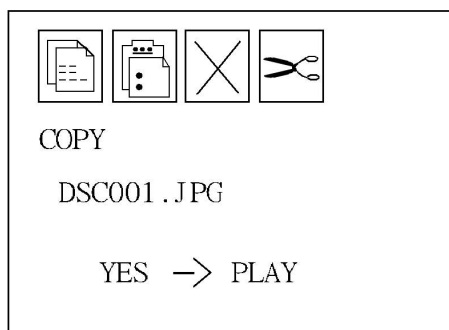


Press **↵** to display file names.  
Display now shows folder on Memory Stick.  
On MS card are 2 files and 2 folder. The first two files show system files from MS card..



Select „PIC“ folder to see file names of 5 JPG files.

## 16.2 Data Management



Press **Copy** button to select manage mode for data. You can choose from different ways of working with and changing of the data and files on the Giga3+ as follows:

**Warning !** During copy function, please do not take out the flash card. If you take out the flash card while copying the data could be damaged or lost.



### Copy

Selected file or folder can be transferred from/to flash card or hard disk as follows:

- Select data source/folder/file using → ESC → ← ↕ ↕ ↕ ↕
- Press ▲ ▼ button to select and ← ↵ to enter
- Press **Copy** button, select function (**Copy**) with ▲ ▼ button, confirm pressing ← ↵
- Press **ESC** button several times and select source with ▲ ▼ button, press ← ↵ to confirm.
- Use ← ↵ several times and ▲ ▼ button to select target folder.
- Press **Copy** button and choose ▲ ▼, select **PASTE** using ← ↵.
- Pasted contents will be saved to your target folder.



### Paste

Copied (**Copy**) or Cut (**CUT**) file can be transferred via **PASTE** function onto the target data source.

**Copy/PASTE** function can transfer data to and from data source.

Select files and press buttons as described under Copy.



### Delete

Selected file or folder will be deleted.

File and folder could be selected as described and then be deleted using **DELETE**.



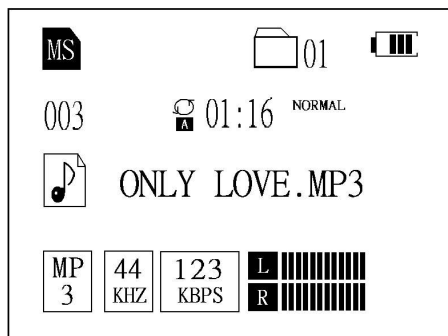
### CUT

Folder and files can be CUT like in MS-Windows.

Select file and folder like described in the **Copy** chapter and confirm using **CUT**.

After that select target folder as described under **Copy** and use **PASTE** function to transfer the data.

## 17. MP3 Player

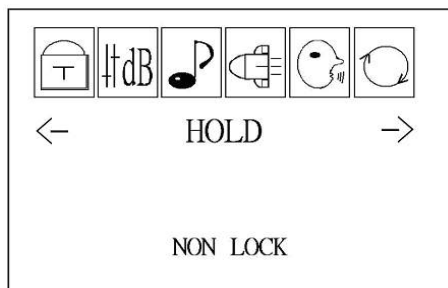


Select **FILE** function from the main menu (data management) and confirm with **↵**.  
 Select data source on which the MP3 file is saved.  
 Choose **▲▼** button to select MP3 file and press **↵** to enter.  
 MP3 Player starts automatically and shows the following symbols.

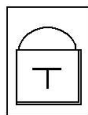
- Volume control with **-V and +V** .
- Plug in head- or earphones in the socket.


003	.	Track Title
	.	Repeat
NORMAL	.	EQ Mode (see settings submenu )
	.	Title-Name
	.	Audio Frequency
	.	Sound Quality
	.	left channel
	.	right channel

### 17.1 Settings in the sub menu



Use **EQ** button to reach the sub menu of the settings where you can find the following:

**Lock/Unlock: - on/ off**

By pressing **-V** or **+V** device can be locked or unlocked. Save status pressing .

**Sound**

NORMAL / USER / POP / CLASSIC / JAZZ / ROCK

**Lyric**

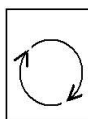
LYRIC: Lyric display options:

LYRIC: Show lyrics

Non LYRIC: Hide lyrics

**Lyric Language**

ENGLISH / KOREAN / NO\_NLS / SAYE\_FONT /  
CHINESE\_TRAD / CHINESE\_SIMP / JAPANESE

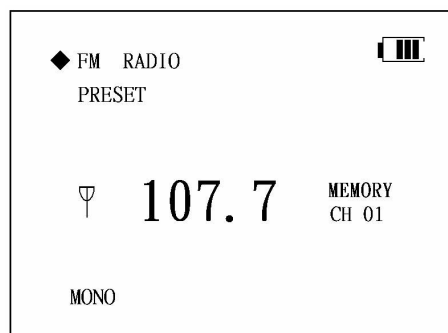
**Repeat**


Once Dir: play folder once

Once File: play file once

Repeat Dir: repeat folder endlessly

Repeat File: repeat file endlessly

**18. FM Radio**


Use **▲▼** button to select **RADIO** function in the main menu; press  to enter.

Use **▲▼** button to select channel or station. Keep **▲▼** button pressed for automatical channel search.

Volume control via **-V** and **+V**.

**Programming channels automatically**

Press  to enter **PRESET** Mode.

Press **Copy** button to start channel search and programming mode (max. 20 channels)– stop using .

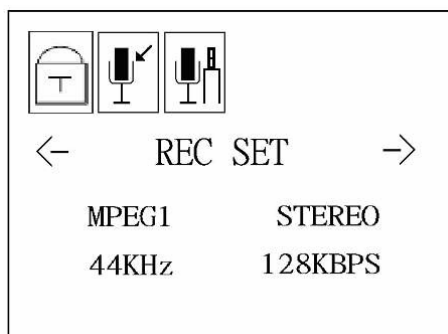
In the **PRESET** Mode channels are selected using **▲▼**.

Mode ( **MONO / STEREO** ) and number of the selected channel is displayed.

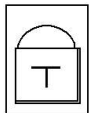
## 19. Recording function



Press ▲▼ button to select recording function in the main menu and use ↵ to enter.

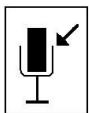


Press EQ button to enter the sub menu. You will find settings as follows:



### Lock/Unlock: on/ off

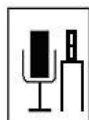
Press -V or +V to lock/unlock device and save status by pressing ↵.



### REC SET: recording quality

Select function using ▲▼ button and select with -V und +V, save using ↵.

32KHz 112KBPS  
44KHz 128KBPS  
44KHz 160KBPS  
44KHz 192KBPS



### REC SET: Recording

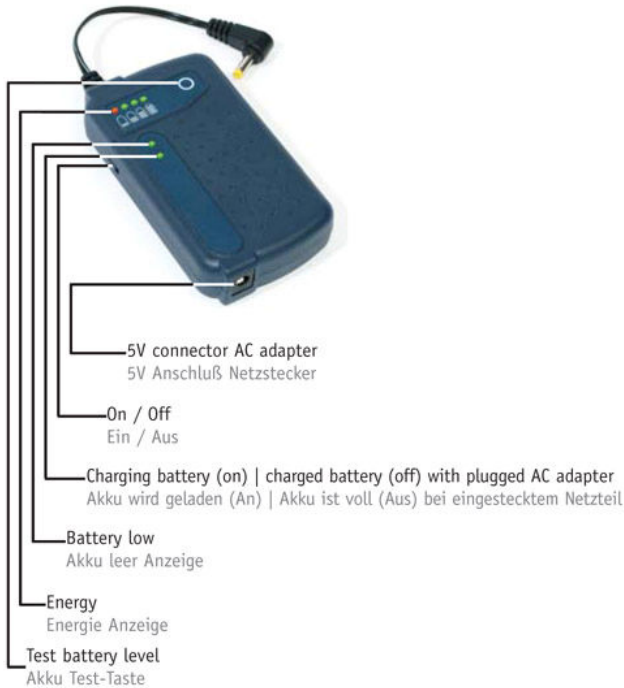
Select function using ▲▼ button and choose -V und +V to change, save using ↵.

MIC IN: Recording via microphone.

LINE IN: Recording from other data source.

To connect with other sources or microphone use socket on the left side of the device.

## 20. Optional power source



### 20.1 Operation with external battery

It is also possible to use an external battery to operate the GIGA 3+. It is connected to the device via the power socket and can be charged via GIGA 3+ AC power adapter.

With one charge of the external battery about 5 GB can be down- or uploaded.

**Jobo Part #: GXB001**

### 20.2 Use with car adapter

- It is also possible to use external car adapter to charge or operate the GIGA 3+.

**Jobo Part Nr. GXZ003**

## 21. Troubleshooting

Questions	Answers
Function under DOS, WIN95, WIN98?	These systems are not supported, only WIN98SE and higher.
Function under Linux?	Function just with Linux kernel Version 2.4.0 and higher.
Which data formats can be downloaded on HDD?	All data and formats can be downloaded on HDD.
Device can not be switched on.	1. No battery inserted. 2. Battery has no / not enough power.
Buttons do not work.	System failure - Press RESET button (see back of device)
No hard drives are shown when connected to PC/Mac.	1. Check whether all drivers needed are installed properly. 2. Refresh display using F5.
Download failure.	1. Please check if file is damaged. 2. Please check space left on the hdd; if there is not enough space on Giga 3+; please delete or reorganise your data. 3. Max. number of folders (9999) has been exceeded, please delete old data or reorganise data. 4. Check, if flash card as been inserted correctly.
MP3 function does not work.	1. Please check file format (MP3 ?). 2. Please check, if ear- or headphones have been plugged in properly. 3. Please check, if data or files are damaged.

## 22. remarks

**Verify:** This feature is available as a free down-load under [www.job0.com](http://www.job0.com) from Jan. 2005. The verify function compares the file size of the copied data with the data from the source to render maximum security. We recommend downloading this enhanced firmware.

## 23. Service / technical support

In case of questions please contact the technical support of our distributors or send your requests to [support@job0.com](mailto:support@job0.com).

Subject to technical modification.

BA Art. Nr.: 86547

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